

(PCT Article 36 and Rule 70)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/EP2004/005437

Box No. I Basis of the report

1. With regard to the language, this report is based on the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This report is based on translations from the original language into the following language _____ which is the language of a translation furnished for the purposes of:

- ☐ international search (Rule 12.3 and 23.1(b))
☐ publication of the international application (Rule 12.4)
☐ international preliminary examination (Rule 55.2 and/or 55.3)

2. With regard to the elements of the international application, this report is based on *(replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report)*:

☐ the international application as originally filed/furnished

☒ the description:

pages 1-32 as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____

☒ the claims:

nos. _____ as originally filed/furnished

nos.* _____ as amended (together with any statement) under Article 19

nos.* 1-23 received by this Authority on 06.05.2005 with letter of 06.05.2005

nos.* _____ received by this Authority on _____

☒ the drawings:

sheets 1/5-5/5 as originally filed/furnished

sheets* _____ received by this Authority on _____

sheets* _____ received by this Authority on _____

☐ a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

☐ the description, pages _____

☐ the claims, nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (specify): _____

☐ any table(s) related to sequence listing (specify): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

☐ the description, pages _____

☐ the claims, nos. _____

☐ the drawings, sheets/figs _____

☐ the sequence listing (specify): _____

☐ any table(s) related to sequence listing (specify): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

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Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims 1-23	YES
	Claims	NO
Inventive step (IS)	Claims 1-23	YES
	Claims	NO
Industrial applicability (IA)	Claims 1-23	YES
	Claims	NO

2. Citations and explanations (Rule 70.7)

1. Document US 2 635 427 (D1) is considered the prior art closest to claim 1.
2. The lifting gear according to claim 1 differs from that according to D1 in that the first lifting cylinder and the control piston of the second lifting cylinder are connected to the cross-arm and the second lifting cylinder and the control piston of the first lifting cylinder can be connected to the vehicle body.
3. The above characterising feature solves the problem of permitting what is referred to as an anti-parallel connection of the two cylinders.
4. This solution to the problem addressed by the invention is not suggested by any available prior art document.
5. Document US 6 520 731 (D4) is considered the prior art closest to claim 4.
6. The tilting mechanism according to claim 4 differs

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Box No. V

Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;
citations and explanations supporting such statement

from that according to D4 in that the first lifting cylinder and the control piston of the second lifting cylinder are connected to the loading shovel and the second lifting cylinder and the control piston of the first lifting cylinder can be connected to the vehicle body.

7. The above characterising feature solves the problem of permitting what is referred to as an anti-parallel connection of the two cylinders.
8. This solution to the problem addressed by the invention is not suggested by any available prior art document.
9. The invention is clearly industrially applicable.
10. The dependent claims concern further embodiments of the arrangement according to claims 1 and 4 and likewise meet the requirements of PCT Article 33(1).

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Box No. VIII Certain observations on the international application

The following observations on the clarity of the claims, description, and drawings or on the question whether the claims are fully supported by the description, are made:

11. Claim 4 is unclear, since it defines a "second" pump without having previously defined a "first" pump.